

REMARKS/ARGUMENTS

1.) Claim Amendments

The Applicants have amended claims 1, 8-12, 14-16, 21-25, 27, and 28. Claims 13 and 26 have been canceled. Accordingly, claims 1-12, 14-25, 27, and 28 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

2.) Claim Rejections – 35 U.S.C. § 102(e)

The Examiner rejected claims 1-3, 9-12, 15, 18-21 and 28 under 35 U.S.C. § 102(e) as being anticipated by Karlsson, et al. (US 2005/0221807 A1) hereinafter “Karlsson”. The Applicants have amended the claims to better distinguish the claimed invention from Karlsson. The Examiner’s consideration of the amended claims is respectfully requested.

An object of the Applicants’ claimed invention is to reduce the load on the network when sending information for a plurality of users to a requesting client. Independent claims 1 and 21 have been amended to recite this objective. Karlsson discloses a system for sending information, in particular presence information, but does not address the problem of reducing the load on the network.

Independent claim 1 has been amended to recite that after a first notification to the client, subsequent notifications include only changes in the user information since the first notification. This feature is not taught or suggested by Karlsson. Therefore, the withdrawal of the § 102 rejection and the allowance of amended claim 1 are respectfully requested.

Claims 2, 3, 9-12, 15, and 18-20 depend from amended claim 1 and recite further limitations in combination with the novel elements of claim 1. Therefore, the allowance of claims 2, 3, 9-12, 15, and 18-20 is respectfully requested.

Independent claim 21 has been amended to recite that in response to a user information request from the client, the information delivery server retrieves the requested user information from the data storage means and sends a notification to the

client including only changes in the user information since a previous notification. This feature is not taught or suggested by Karlsson. Therefore, the withdrawal of the § 102 rejection and the allowance of amended claim 21 are respectfully requested.

Claim 28 depends from amended claim 21 and recites further limitations in combination with the novel elements of claim 21. Therefore, the allowance of claim 28 is respectfully requested.

3.) Claim Rejections – 35 U.S.C. § 103(a)

The Examiner rejected claims 4-5, 7, 16-17, 22, and 24-25 under 35 U.S.C. § 103(a) as being unpatentable over Karlsson, et al. (US 2005/0221807 A1) hereinafter “Karlsson”, in view of Applicants’ Admitted Prior Art, hereinafter “APA”. The Applicants respectfully submit that the amendments discussed above also distinguish the claimed invention from Karlsson and APA. The Examiner’s consideration of the amended claims is respectfully requested.

As noted above, there is no teaching or suggestion in Karlsson of a method or arrangement for reducing bandwidth utilization while providing user information to a client from a client access network. This feature is recited in amended independent claims 1 and 21. Rejected claims 4-5, 7, 16-17, 22, and 24-25 depend from amended claims 1 and/or 21.

The Examiner has cited APA for showing other aspects of the invention, but APA also fails to teach or suggest a method or arrangement for reducing bandwidth utilization while providing user information to a client from a client access network. Thus, a *prima facie* case of obviousness has not been established as required in MPEP 2143. Therefore, the withdrawal of the § 103 rejection and the allowance of dependent claims 4-5, 7, 16-17, 22, and 24-25 are respectfully requested.

The Examiner rejected claims 6, 13-14, 23, and 26-27 under 35 U.S.C. § 103(a) as being unpatentable over Karlsson in view of APA, and further in view of Bells, et al. (US 2004/0116137) hereinafter “Bells”. The Applicants respectfully submit that the amendments discussed above also distinguish the claimed invention from Karlsson,

APA, and Bells. The Examiner's consideration of the amended claims is respectfully requested.

Bells recognizes that the network load can be a problem, but only discloses a solution to the problem caused by unnecessarily transmitting presence information when mobile stations are not communicating with each other and thus do not need the information. However, Bells does not teach or suggest a method or arrangement for reducing bandwidth utilization while providing user information to a client that needs the information. The Applicants' claimed invention provides several techniques for reducing bandwidth utilization while providing user information to a client that needs the information.

Independent claims 1 and 21, for example, have been amended to recite that the information delivery server sends only changes in the user information since a previous notification. The Examiner cites Bells paragraphs 0036 and 0038 for showing this feature, but these paragraphs, particularly paragraph 0038, indicate that Bells sends *all* of the presence information when updates are performed. There is no suggestion of a server that sends only changes in the user information.

Additionally, dependent claims 14 and 27 recite that when the user information has not changed between the first notification and the subsequent request for user information, the server sends the subsequent notification with only an indication that the user information has not changed. This feature was recited in original claims 14 and 27, but the Applicants have amended the claims for additional clarity. The Examiner again cites Bells paragraphs 0036 and 0038 for showing this feature, but the Applicants respectfully disagree. Bells discloses periodically sending updates, but there is no suggestion that Bells's system can send only an indication that the user information has not changed rather than the presence information for each of the clients.

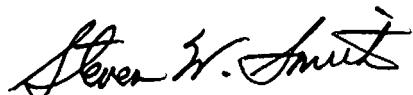
Thus, all of the claimed limitations are not disclosed or suggested by the cited combination of references, and thus a *prima facie* case of obviousness has not been established as required in MPEP 2143. Therefore, the withdrawal of the § 103 rejection and the allowance of dependent claims 6, 13-14, 23, and 26-27 are respectfully requested.

4.) Conclusion

In view of the foregoing remarks, the Applicants believe all of the claims currently pending in the Application to be in condition for allowance. The Applicants, therefore, respectfully request that the Examiner withdraw all rejections and issue a Notice of Allowance for claims 1-12, 14-25, 27, and 28.

The Applicants request a telephonic interview if the Examiner has any questions or requires any additional information that would expedite the prosecution of the Application.

Respectfully submitted,



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